SBRNO: 29/20 & 18

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE
(For Other Works)

Date.....2017

No. **First & Part**

Division: **Byatarayanapura** Sub-Division: **Kodigehalli sub division**

Bill Received No. Dated Divisional Sub Divisional Cash Book Voucher No..... Dated.....

Work Code: 008-18-000032

Schedule Docket No. Head of Account: P-3111 Est.Cost: 170.00 Lakhs D.R.No. :

Name of Work (as per sanctioned estimate: **Package-5, includes 4 works of Rs.170.00 lakhs** 1) Reasphalting to main and cross roads at 'B','C' and 'D' Blocks of Sahakaranagara in Ward.No.08 Kodigehalli 2) Improvements to Roads and Drains at Devinagara and Lottegohalli in Ward.No.08 Kodigehalli, 3) Improvements to Roads and Drains at Balaji Layout and Surroundings in Ward.No.08 Kodigehalli 4) Providing and laying new road at Sannegowda Layout and Surroundings in Ward.No.08 Kodigehalli.

Name of Contractor and Full Address: **M/s KBR infratech Limited, #01, 1st Floor, 8th main, RMV Extn IInd Stage, Tatanagara, Bangalore-560 094.**

Reference to Agreement No.BBMP/EE/BTP/WO/10/2018-19 Date: 25.06.2018

Certified that the measurements were taken by me on 7/8/18 and recorded of Pages 357311/1to 321 of measurement Book No.3574/2017-18 and that the work is satisfactorily executed.

For KBR INFRATECH LIMITED

Contractor **Officer-in-charge of work**

Certified that the measurement were taken by me on 7/8/18 and found correct. The work is satisfactorily executed.

Managing Director

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

II Memorandum of Payment

1)	Total value of work done or supplies made as per account within	1st & Part Bill :- 1,54,01,557-
2)	Deduct amount to be held in reserve being .....percent Rs.....	
3)	" Balance	
4)	Deduct Payment:	
a)	Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No.....	Amount
	adjusted towards cash advance recovery of	
b)	Payments Now made — cost store or other material supplied.	
	recovery of amount creditable to this/other work	
	Amount paid on this bill Cheque / Cash.	
5)	Balance being unpaid value of work done held in reserve.	
6)	Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.	
7)	Net amount due to or from Contractor unadjustments items.	
8)	Advance to Contractor for materials brought to site (as detailed) within.	
9)	Value of Government materials supplied.	
	Total amount adjusted -	

I.T	3,08,031
CESS	1,54,016-
L.R.	15556-
CBF	1,5402-
Adju.	633006-00
Cheque	1,47,68,551-00

For KBR INFRATECH LIMITED
Contractor's Signature

Received Rs..... (in words).....
.....
by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands)

Managing Director

(For use in the Office)

Witness For KBR INFRATECH LIMITED
1.
2.

Dated Signature of Contractor
Managing Director

Paid by me by Cheque No.....Dated.....
Cash Rs.....
Dated.....
Initials of Officer making payment

15401557
633006-00
1,47,68,551-00
Rs: One crore forty seven lakh sixty eight thousand five hundred fifty one only

Stamp

Executive Engineer

Sl. No.	Items grouped under sub-Heads and Sub-Works of the Estimate	Unit
1	Removing and resetting of footpath slab	Sqm
2	KSRRB M300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto . meters and an average lift upto 0.5m, excavated surface levelled and sides neately dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification.	Cum
3	KSRRB M200-13.1. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. II. By Mechanical Means. A. Cement Concrete Grade M-15 &M-20. MORTH Specification	Cum
4	KSRB 4-1.2: Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum
5	KSRB 4-6.4: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surfaces such as walls at any thickness. including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications.	Sqm
6	Providing and laying cement concrete using 20mm and downsize granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for RCC works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, with all lead and lifts etc., complete (exclusive of cpost of steel and fabricaton charges) Ready Mixed Cement Concrete M 20 for Raft foundation, Column, Footing, main and secondary beams.	Cum
7	KSRB - 4.9.2: Providing TMT steel reinforcement Fe500 for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.	Tonne
8	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including,groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications. - M30 (at 360Kg per cum coarse aggregate @ 0.69cum and fine aggregate @ 0.46cum)	Cum
9	Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift.	Sqm
10	Removing & Refixing Stone slabs of drains and Pointing in C.M(1:3)	Sqm
11	Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc,. Complete. 7.5cms thick	Sqm
12	KSRB 5.2-3: Providing and constructing granite size stone masonry in foundation cement mortor 1:6, stone hammered dressed in courses not less than 20cms high, bond stones at 2m. apart in each course including cost of materaials, labour, curing complete as per specifications.	Cum
13	KSRB 15.1.1 Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications.	Sqm
14	KSRB 4-1.6: Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum
15	KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to embankment location and complete as per specifications.	Cum
16	KSRRB M 400-17, Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechaniqal mix plant carriage ' of mixed Material by tipper to site, laying in uniform layers with paver in sub- base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density.complete as per specifications.	Cum
17	KSRRB M 500-6, Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM WMM including clearing of road surface and spraying primer at the rate of 0.60 kglsqm using mechanical means complete as per specifications. As per MORTH specification clause	Sqm

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
	-	74.85	150.0	**11227.50**	74.85	11228	
-	-	1990.61	210.0	**418028.10**	1990.61	418028	
-	-	57.47	525.0	**30171.75**	57.47	30172	
-	-	146.09	6000.0	**876540.00**	146.09	876540	
-	-	1482.88	350.0	**519008.00**	1482.88	519008	
-	-	194.91	7000.0	**1364370.00**	194.91	1364370	
-	-	9.82	72000.0	**707040.00**	9.82	707040	
-	-	41.6	7000.0	**291200.00**	41.60	291200	
		346.66	110.0	**38132.60**	346.66	38133	
-	-	2655.38	90.0	**238984.20**	2655.38	238984	
-	-	1693.31	750.0	**1269982.50**	1693.31	1269983	
-	-	17.28	5000.0	**86400.00**	17.28	86400	
		28.8	115.0	**3312.00**	28.80	3312	
-	-	2.16	6500.0	**14040.00**	2.16	14040	
-	-	732.45	175.0	**128178.75**	732.45	128179	
-	-	732.45	2000.0	**1464900.00**	732.45	1464900	
-	-	3184.55	32.0	**101905.60**	3184.55	101906	

18	KSRRB 500-2: Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatement including cost of all materials, labour, HOM of machineries complete as per specifications.	Sqm
19	KSRRB M500-7 : Providing and applying tack coat using 80/100 grade bitumen (VG10) on prepared black topped surfaces at 2.5 Kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications	Sqm
20	KSRRB M500-16. Providing and laying dense bituminous macadam 50-75mm compacted thickness with 4.5% VG-30 Bitumen using 40/60 TPH capacity H.M.P, using crushed aggregates of grading II, premixed with VG 30 grade bituminous binder and transporting the hot mix to work site, laying with mechanical paver to the required grade level and alignment rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10, complete in all respects complete as per specification	Cum
21	KSRRB M500-19. Providing and laying bituminous concrete 30-40 mm compacted thickness with VG30 Bitumen grade using 40-60 HMP using crushed aggregates of grading II, premixed with bituminous binder at 5.4% of mix and filler, transporting the hot mix to work site, laying with a mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRT&H specification clause No. 500.9 complete in all respects as per specifications. MORTH Specification No. 509	Cum
22	KSRRB M800-13. Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications.	Sqm
23	Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc,. Complete. 10cms thick	Sqm
	Total	

Certificate

1 Certified that the above work done satisfactory and no materials issued from departmentally

2508

-	-	11325.25	4.0	**45301.00**	11325.25	45301	
-	-	17419.07	14.0	**243866.98**	17419.07	243867	
-	-	250.76	7100.0	**1780396.00**	250.76	1780396	
-	-	638.6	8000.0	**5108800.00**	638.60	5108800	
-	-	664.22	630.0	**418458.60**	664.22	418459	
-	-	260.88	925.0	**241314.00**	260.88	241314	
				15401557.58		**15401557.58**	

Assistant Executive Engineer.
Kodigehalli Sub Division
Yelahanka Zone, B.B.M.P.,
Bangalore.

KBR INFRATECH LIMITED
BANGALORE